

WHAT IS CLAIMED IS:-

1. A printhead assembly, comprising:

at least one printhead module comprising at least two printhead integrated circuits, each of which has nozzles formed therein for delivering printing fluid onto the surface of print media, and a support member supporting and carrying the printing fluid for the at least two printhead integrated circuits; and

a casing in which the at least one printhead module is removably mounted so as to constrain movement of the at least one printhead module relative to the casing in at least the direction of printing fluid delivery from the nozzles to the print media.

2. A printhead assembly according to claim 1, wherein the casing comprises a longitudinally extending groove in which a first side of the at least one printhead module is slidably received and a second side of the at least one printhead module is clamped to the casing by a clamping arrangement.

3. A printhead assembly according to claim 2, wherein:

the casing comprises a longitudinally extending channel portion within which the at least one printhead module is mounted, the channel comprising first and second side walls joined by a lower wall;

the first side wall includes the longitudinally extending groove which is formed between upper and lower longitudinally extending tabs; and

the second side wall has a longitudinally extending upper surface upon which the second side of the at least one printhead module is mounted, the longitudinally extending upper surface having a height from the lower surface of the channel portion substantially equal to a height of the lower longitudinally extending protrusion of the first side wall.

4. A printhead assembly according to claim 3, wherein:

the casing includes a support frame, incorporating the channel portion, and a cover portion; and the clamping arrangement engages with the support frame.

5. A printhead assembly according to claim 1, wherein:

the at least one printhead module is formed as a unitary arrangement of the at least two printhead integrated circuits, the support member, at least one fluid distribution member mounting the at least two printhead integrated circuits to the support member, and an electrical connector for connecting electrical signals to the at least two printhead integrated circuits; and

the support member has at least one longitudinally extending channel for carrying the printing fluid for the printhead integrated circuits and includes a plurality of apertures extending through a wall of the support member arranged so as to direct the printing fluid from the at least one channel to associated nozzles in both, or if more than two, all of the printhead integrated circuits by way of respective ones of the fluid distribution members.